

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Shunsuke ISHII et al.

Group Art Unit : Not Yet Assigned

Appl. No. : 10/533,078

(U.S. National Stage of PCT/JP03/013855)

I.A. Filed : October 29, 2003

Examiner : Not Yet Assigned

Confirmation No: 2400

For : PRODUCTION OF KNOCKDOWN ANIMAL VIA INTRODUCTION
OF DOUBLE-STRANDED EXPRESSION VECTOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window, Mail Stop **PCT**
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicants hereby bring the following information to the attention of the Examiner.

This information includes information cited in a European Search Report issued in connection with European Application No. 03769965.9. A copy of the European Search Report (in English), is also enclosed. The Examiner is invited to review the Search Report to consider the relevance indicated during European examination with respect to the documents cited therein.

For the Examiner's convenience, the documents from the Search Report are listed below.

WO 03/070918

Nomura Teruaki et al. "Ski is a component of the histone deacetylase complex required for transcriptional repression by Mad and thyroid hormone receptor" *Genes and Development*, vol. 13, no. 4, February 15, 1999, pp. 412-423, XP-002362068

Applicants also bring to the attention of the Examiner the following documents, which are referred to in the specification.

GenBank Accession Record AF435852, discussed in the specification, beginning at page 10, line 19

Yohana and Proudfoot, "Specific Transcriptional Pausing Activates Polyadenylation in a Coupled In Vitro System," Molecular Cell, Vol. 3: 593-600 (May 1999) discussed in the specification, beginning at page 14, line 4

Berk et al., "Mice lacking the ski proto-oncogene have defects in neurulation, craniofacial patterning, and skeletal muscle development," Genes & Dev. 11: 2029-2039 (1997), discussed in the specification, beginning at page 25, line 21

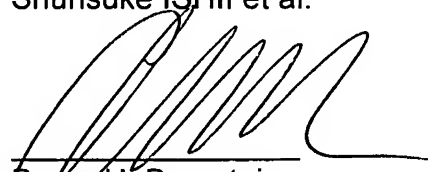
Colmenares et al., "Loss of the *SKI* proto-oncogene in individuals affected with 1p36 deletion syndrome is predicted by strain-dependent defects in *Ski*^{-/-} mice," Nature Genetics 30: 106-109 (January 2002) discussed in the specification, beginning at page 26, line 2

Copies of the above-noted documents are enclosed together with a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form PTO-1449. Applicants respectfully request that the Examiner include a copy of the initialed Form PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

To Applicants' knowledge, this Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, and thus, no fees are required. However, if a first Office Action on the merits has been mailed, and is crossing the filing of this IDS in the mail, the Office is authorized to charge any required fee to Deposit Account No. 19-0089.

Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,
Shunsuke ISHII et al.



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U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. P27813

Application No.
10/533,078

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant
Shunsuke ISHII et al.

Filing Date
I.A. Filed October 29, 2003

Group	Not Yet Assigned
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Nomura Teruaki et al. "Ski is a component of the histone deacetylase complex required for transcriptional repression by Mad and thyroid hormone receptor" <i>Genes and Development</i> , vol. 13, no. 4, February 15, 1999, pp. 412-423, XP-002362068.
	2	GenBank Accession Record AF435852.
	3	Yohana and Proudfoot, "Specific Transcriptional Pausing Activates Polyadenylation in a Coupled In Vitro System," <i>Molecular Cell</i> , Vol. 3: 593-600 (May 1999).
	4	Berk et al., "Mice lacking the ski proto-oncogene have defects in neurulation, craniofacial patterning, and skeletal muscle development," <i>Genes & Dev.</i> 11: 2029-2039 (1997).
	5	Colmenares et al., "Loss of the <i>SKI</i> proto-oncogene in individuals affected with 1p36 deletion syndrome is predicted by strain-dependent defects in <i>Ski</i> ^{-/-} mice," <i>Nature Genetics</i> 30: 106-109 (January 2002).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.